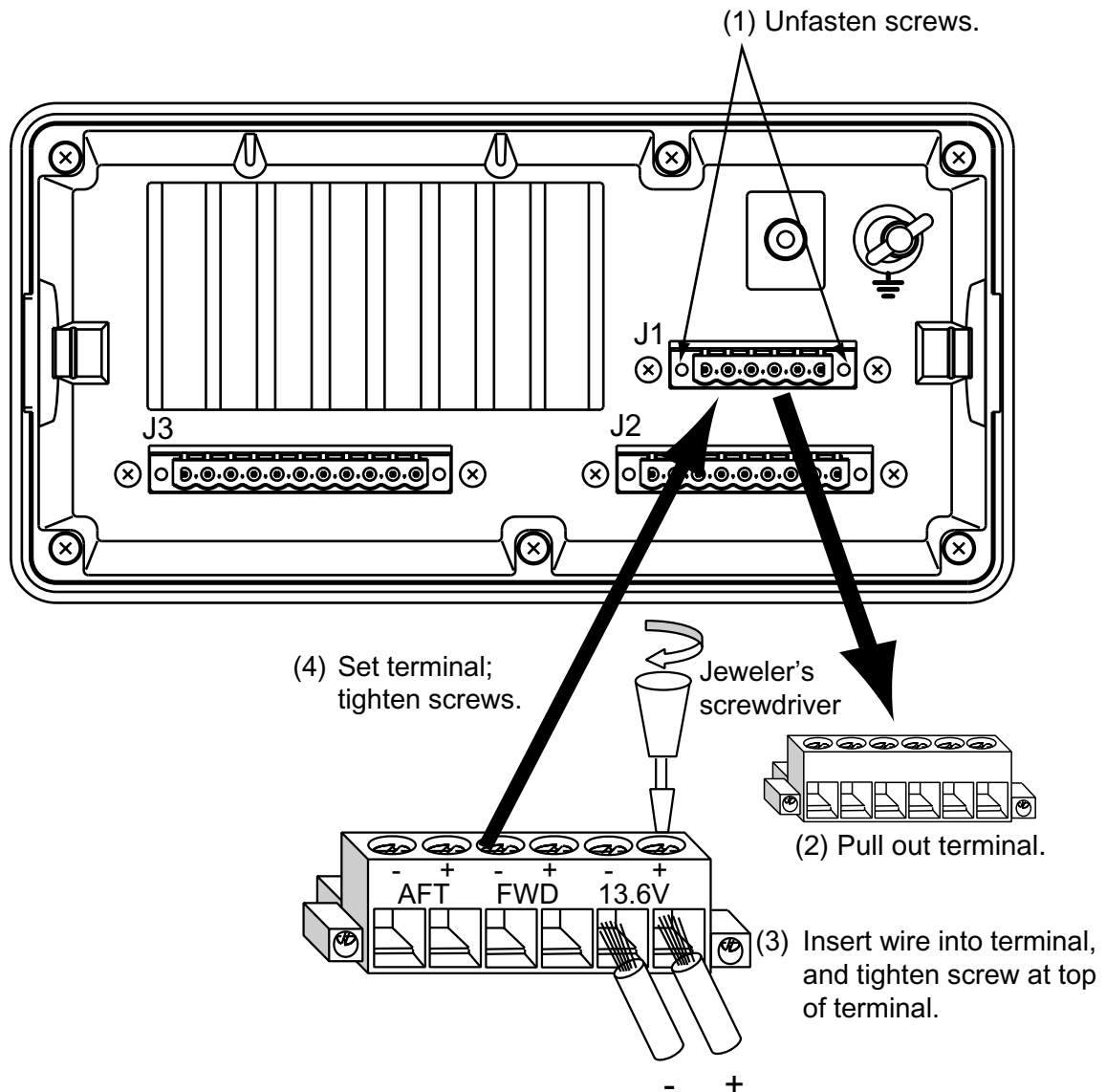


Wiring

The illustration below shows how to connect the power supply. Other equipment are connected similarly.



TERMINAL ARRANGEMENT

J1

- AFT +	- FWD +	- 13.6V +
---------	---------	-----------

J2

▲ 0V3	SP3	▲ CAL3	0V2	▲ SP2	CAL2	▲ 0V1	SP1	▲ CAL1
-------	-----	--------	-----	-------	------	-------	-----	--------

J3

▲ 0V	MIC	▲ 0V	PTT	▲ 0V	AUX	▲ 0V	ALRM	▲ 0V4	SP4	▲ CAL4
------	-----	------	-----	------	-----	------	------	-------	-----	--------

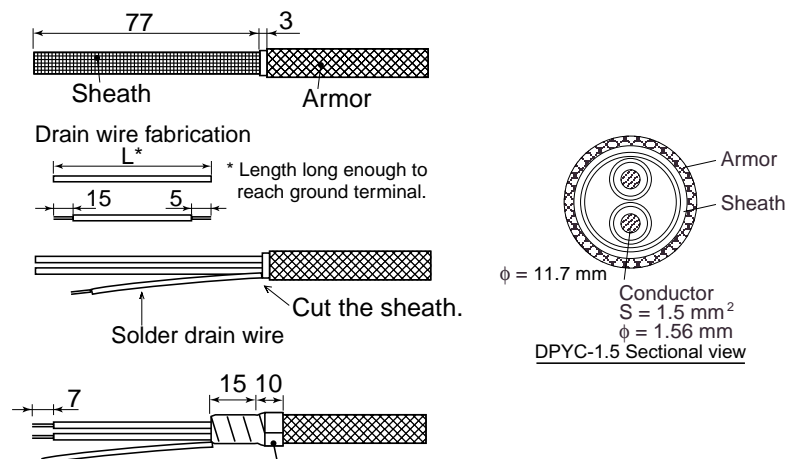
Note: Connect power cables to the battery correctly.

LH-3000, rear panel, how to wire terminals

1. INSTALLATION

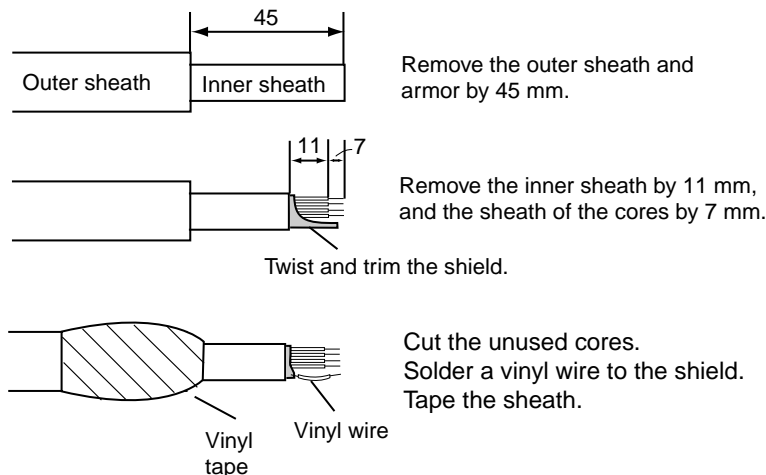
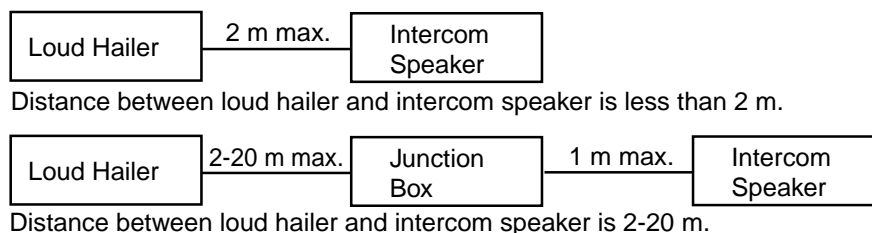
Power connection

The LH-3000 is intended for use with a 13.6 VDC power supply. Connect the power cable (local supply) to the terminals labeled "13.6V". Use cable type DPYC-1.5 or equivalent. Fabricate the cable as shown below. For longer runs the wire size of leads should be increased accordingly to minimize line losses. The wire connected to the positive (+) terminal must be connected to the positive terminal on the DC power source, and the wire connected to the negative terminal (-) must be connected to the negative terminal on the DC power source. If the power leads are reversed the fuse (inside the Loud Hailer) will blow.



Intercom speaker (option)

Up to four intercom speakers may be connected to the intercom speaker terminals labeled CAL1-CAL4. Connect each speaker to the terminal block according to desired intercom speaker selection. The cable end is prefabricated. However, to meet EMC requirements the length of the cable must be less than 1 m. If the distance between the Loud Hailer and intercom speaker is greater than 2 m (max. 20 m), use a junction box (local supply). For the connection to the junction box use cable type CO-SPEVV-SB-C 0.2X2P (option) and fabricate it as below. In this case, the length of the cable between the junction box and an intercom speaker must no be more than 1 m regardless of whether the equipment must meet EMC requirements or not.

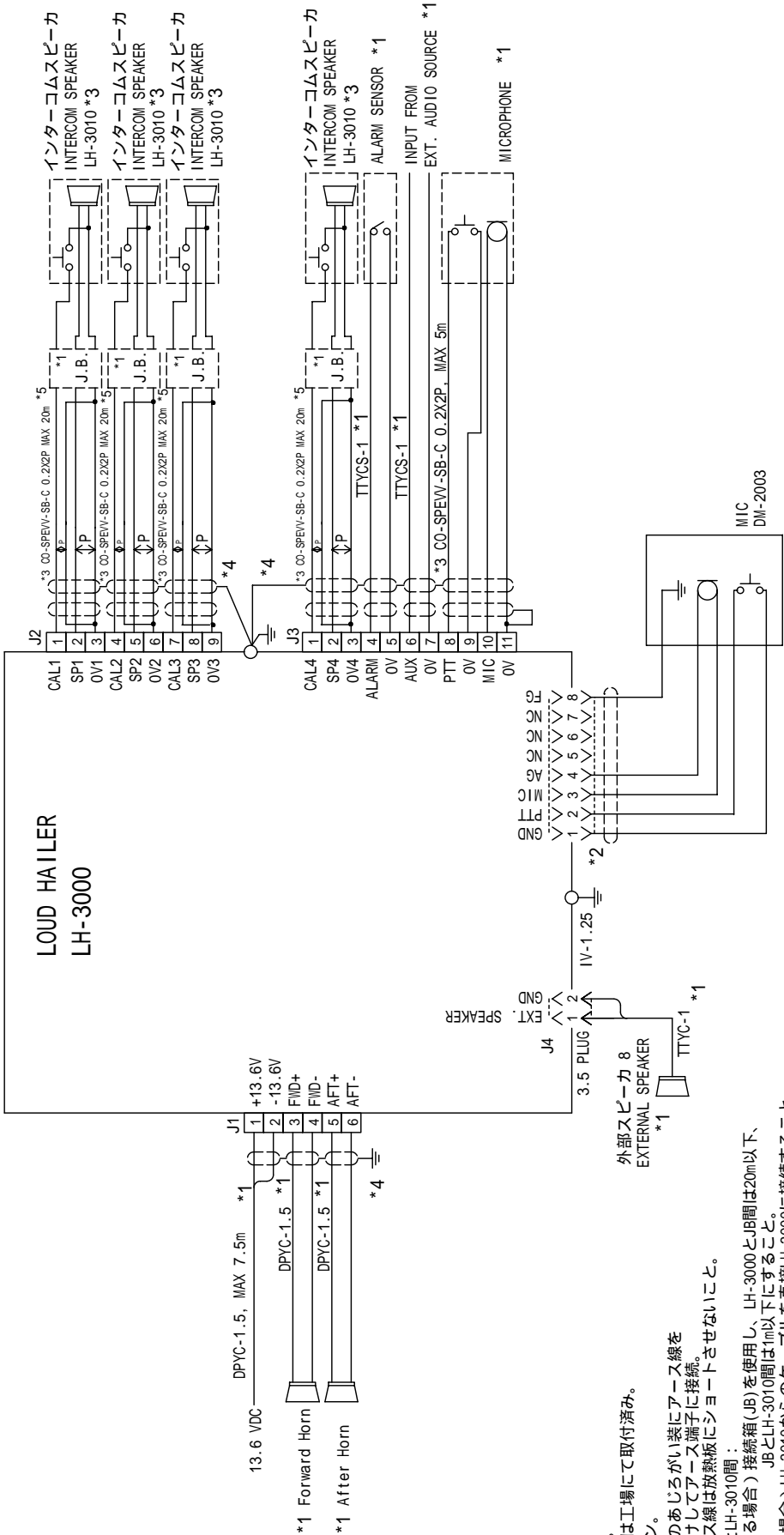


Fabrication of speaker cable

A

B

C



- 注記
- *1) 現地手配。
 - *2) コネクタは工場にて取付済み。
 - *3) オプション。
 - *4) ケーブルのあじろがい装にアース線をハンダ付けしてアース端子に接続。このアース線は放熱板にショートさせないこと。
 - *5) LH-3000とLH-3010間：
(2mを超える場合) 接続箱(JB)を使用し、LH-3000とJB間は20m以下、JBとLH-3010間は1m以下にすること。
(2m以下の場合) LH-3010からのケーブルを直接LH-3000に接続すること。

- NOTE
- *1: LOCAL SUPPLY.
 - *2: CONNECTOR PLUGS FITTED AT FACTORY.
 - *3: OPTION.
 - *4: SOLDER DRAIN WIRE TO ARMOR OF CABLE AND CONNECT IT TO EARTH TERMINAL. DO NOT SHORT THE DRAIN WIRES ON THE HEAT SINK.
 - *5: CABLING BETWEEN LH-3000 AND LH-3010:
USE JUNCTION BOX (JB)
DISTANCE BETWEEN LH-3000 AND JB SHALL BE 20m OR LESS.
DISTANCE BETWEEN JB AND LH-3010 SHALL BE 1m OR LESS.
2m OR LESS:
CONNECT CABLE FROM LH-3010 DIRECTLY TO LH-3000.

DRAWN Feb. 3 '04	K. MIYAZAWA		TITLE LH-3000
CHECKED Takahashi T.			名称 ラウドヘイラー
APPROVED Y. Hatai			相互結線図
			NAME LOUD HAILER
DWG. No. C5646-C01-B			INTERCONNECTION DIAGRAM